

Bills of Quantities Volume 1 of 3

	DESCRIPTION	UNIT	QTY	Rate	Amount
1.0	Preliminaries:				
A.	DESCRIPTION OF SITE:				
	The site is located along within MOROGORO Municipality				
B.	SIGN BOARD:				
	The contractor shall provide and erect a large sized sign board on the site showing the title of the contract, the name and address of the employer; consultant and such information as may be required who by the employer shall provide the sign layout and colors of the Board. The board shall be repainted when necessary and removed when no longer required.	item	1		
C.	Allow Mobilization and Demobilization of Plants and equipment for the Works.	item	1		
2.0	FLOOR:				
2.1	Remove the existing floor, clear existing steps and level the floor as directed by Supervisor/Engineer. Dispose in a safe and environmentally friendly manner all removed floor materials.	sq. m	565		
2.2	Prepare surface to receive 75mm thick grade 20 concrete and cast the same as directed by supervisor:	cubic.m	45		
	FLOOR TILE:				
	<u>Colored porcelain floor tiles with cushion edges to BS 1282 fixed to beddings with adhesive and pointed with approved grout:</u>				
2.3	Supply and lay floor tiles as per specifications. 500 x 500 x 6mm thick to floor finish	sq. m	585		
3.0	WALLS				
3.1	Open the existing partitioning block walls as indicated in the drawings, make good all the cut sections by plastering, and prepare them to receive new painting to the specifications. Dispose safely and in environmentally friendly manner all removed /rubbles materials as per ZIO's instruction.	sq. m	121		
3.2	Prepare the existing/new block wall surfaces to receive new painting to required specifications (skirting 125mm high)	sq. m	1764.3		
3.3	Constructing new partitioning block walls, including plastering on both surfaces of the newly constructed block walls.	sq. m	108.5		
3.4	Remove carefully Existing Vents ((150mmx70mm)) and prepare constructed block walls to receive new painting and then painting the surfaces to specifications.	item	1		
3.5	Constructing new Vent using vented block walls, including finishing	item	1		
4.0	Roofing				
	Ceiling				
4.1	Remove carefully existing damaged ceiling board (chipboard) and dispose all removed materials as instructed by ZIO. Repair existing ceiling boards' support structures, and replace new ceiling boards to specifications	sq. m	555		
4.2	Remove safely the existing roofing materials for reuse elsewhere, renovate the existing roof structure to slopes as indicated in the drawings. Provide all necessary accessories needed to modify the roofing structure in order to receive new roofing materials.	Sum	1		
4.3	Provide and fix IT5, G28 iron sheets sloping as indicated in the cross section drawing	sq. m	660		
5.0	WINDOWS:				
5.1	Carefully remove the existing windows including frames size, 1800 x 1200 mm and Grills	pcs	25		

	METAL WORKS:				
	<u>COMPOSITE UNITS:</u>				
	Supply and fix including Grills, composite, special metal window units as manufactured to Architect satisfaction finished with 21microns, natural anodized Aluminium alloy including assembling as necessary, bedding frames in proprietary bedding compound, pointing external with mastic and striping protective taps from Aluminium frame, with and including 5mm clear glass sheet, fiber mosquito gauze(m/s);mullions transoms to Architects drawings, and unblocking devices where necessary refer Architectural Drawing:				
5.2	Overall size 2000 x 1600mm high; in four panels: bottom one (1) sliding panels and 1no fixed ; two (2) fixed vent at top.(W1)	NR	16		
5.3	Overall size 1200 x 1600mm high; in four panels: bottom one (1) sliding panels and one (1) fixed in middle; two (2) fixed vent at top.(W2)	NR	1		
5.4	Overall size 1450 x 1600mm high; in three panels: bottom one (1) sliding panels and one (1) fixed; one (1) fixed vent at top.(W4)	NR	1		
5.5	Overall size 750 x 600mm high; in two panels, one (1) sliding panels and one (1) fixed ; (W5)	NR	4		
5.6	Overall size 3000 x 1600mm high; in six panels: bottom two (2) sliding panels and one (1) fixed in middle; 3No fixed vent at top.(W6)	NR	7		
5.7	Overall size 1000 x 1600mm high; in three panels: bottom one (1) sliding panels and one (1) fixed; one (1) fixed vent at top.(W7)	NR	4		
6.0	Doors				
6.1	Carefully remove existing timber panel doors including their frames	NR	19		
6.2	Carefully remove existing double doors	NR	2		
6.3	Provide and fix single leaf timber panel doors including frames (2500x900)	NR	27		
6.4	Provide and fix double leaf timber panel doors including frames and grills				
	1.1800x2500	NR	1		
	2.1500x2500	NR	3		
7.0	Concrete Works:				
A.	Reinforced concrete grade '20'; vibrating around reinforcements; including spacer blocks.				
	<i>i).Beam</i>	cu.m	4.5		
	<i>ii).Columns</i>	cu.m	0.5		
	<i>iii).150mm thick slab/</i>	cu.m	3.8		
	Reinforcements:				
B.	High tensile bar reinforcement steel bars to B.S 4461:1969 including bends, hooks, tying wire, spacers and distance blocks.				
	<i>i.16mm diameter bars</i>	kg	78		
	<i>ii.12mm diameter</i>	kg	660		
	<i>iii.8mm diameter</i>	kg	100		
C.	Formworks: Sawn formwork to beams, columns and canopies/roof slabs	item	1		
8.0	Plumbing and Electricity				
8.1	Supply, install WC and HWB also plumbing within toilet and kitchen as per drawing	item	3		
8.2	Provide and install 2.5mm electricity cable to new rooms including all electrical accessories(Socket, switch and Fan)	item	8		
8.3	Supply and Fix 24BTU Split Unit Air Condition, (indoor and outdoor unit) complete with PVC Trunk, copper pipe, flexible cable, trunk drain pipe, Remote Control and AVS. LG Brand 20 Arm P.B Control switch with Neon Indicator, (ADB, DT Switch) etc	pc	10		
8.4	Supply and Fix ceiling fans, panasonic type to areas directed by supervisor	pc	10		